

19990828.ba v02\_n650.bam.990828 v02\_n651.bam.990828

>From ???@??? Sat Aug 28 19:09:44 1999  
Message-Id: <199908281615.d7SGFvT27850@sco.theporch.com>  
Date: Sat, 28 Aug 1999 11:15:18 CDT  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2650

## BOATANCHORS Digest 2650

Topics covered in this issue include:

- 1) That star  
by William Donzelli <aw288@osfn.org>
- 2) National Tubes - NL714  
by Don <nichf@roanoke.infi.net>
- 3) Historic Radio Messages  
by Jerry Proc <jproc@idirect.com>
- 4) RME Info..  
by "Ray A. Allen, Sr." <w2kbr@pcbank.net>
- 5) Re: Historic Radio Messages - Correction  
by Jerry Proc <jproc@idirect.com>
- 6) Fabulous cheap power transformer 2  
by "John Gibson" <gibsonj@mindspring.com>
- 7) FS: Various Items  
by <davidh@getnet.com>
- 8) Re: RECAPPING  
by "Arden Allen" <gumbear@pacbell.net>
- 9) Re: Test equip and .....  
by "Arden Allen" <gumbear@pacbell.net>
- 10) British Spy Set FS.  
by BEN NOCK <G4BXD@compuserve.com>
- 11) Re: Capacitors (was: Recapping)  
by "David Newkirk" <dpnewkirk@home.com>
- 12) Condensers, "Ten Tips"  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 13) Re: Test equip and .....  
by Kim Herron <kherron@voyager.net>
- 14) Collins F455N80 - where does it go?  
by wallace@world.std.com (Andy Wallace)
- 15) NAVSHIPS  
by "Paul Bernhard Sr." <w2tu@email.msn.com>
- 16) TV-2B/U Settings for 7788 tubes  
by "Gibbs, Dennis" <dgibbs@Rational.Com>
- 17) TV-2B/U Settings for 7788 tubes  
by "Gibbs, Dennis" <dgibbs@Rational.Com>
- 18) Need 32uF 4500 volt oil filled

- by zeitler@ibm.net
- 19) Need Info: Selsyn Motors  
by "Charlie Cheney" <ccheney@thecia.net>
  - 20) FS : ER  
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
  - 21) Manual for Multi-Elmac Trans-Citer AF-67  
by "Charlie Cheney" <ccheney@thecia.net>
  - 22) Anyone need BC-221 manual COPIES?  
by "Charlie Cheney" <ccheney@thecia.net>
  - 23) ADMINISTRIVIA: Posting Admin Requests  
by listown@jackatak.theporch.com (Mail List Owner)

---

Date: Fri, 27 Aug 1999 20:37:54 -0400 (EDT)  
From: William Donzelli <aw288@osfn.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: That star  
Message-ID: <Pine.SUN.3.91-FP.990827202403.160E-100000@osfn.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Maybe this is old news for the military nomenclature geeks amongst us, but I just learned that the star found in front of some of the tags (like \*RT-7/APN-1 or \*MT-4/ARR-2) means that the device is approved for us by other countries.

Apparently the system did not last long.

This was found in some Western Electric FEF (Field Engineering Force) notes I just purchased.

Also in the books is hard evidence that the "a" in the "NXsa" does in fact mean a BuAer contract going thru BuShips, and the second "s" in "NXss" does mean BuShips, thru and thru. Kind of obvious, but at least there is a reference to cite now.

Now, back to our more flavorful BA threads...

William Donzelli  
aw288@osfn.orf

---

Message-ID: <37C73314.2F31DDD8@roanoke.infi.net>  
Date: Fri, 27 Aug 1999 20:53:40 -0400  
From: Don <nichf@roanoke.infi.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: National Tubes - NL714

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have three of these tubes (NOS) and I have absolutely no idea what they are. Look like some type of large transmitting tube, but can't find anything about them.... If anyone has an idea what these are and/or what they might be used for, the info would be greatly appreciated. Thanks!

Don

-----  
Message-ID: <37C73F40.4F66EE26@idirect.com>  
Date: Fri, 27 Aug 1999 21:45:36 -0400  
From: Jerry Proc <jproc@idirect.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Historic Radio Messages  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Folks,

I've posted two, short historical radio messages. The first message is the last transmission from HMS HOOD prior to her sinking in 1941. The next one came from the Admiralty wireless office in Scapa Flow Scotland. The messages are very short but they are on authentic Naval forms used at that time.

The URL is :

<http://www3.sympatico.ca/haida/radio/hood.htm>

--

Regards,  
Jerry Proc VE3FAB    jproc@idirect.com  
Web:            [www3.sympatico.ca/hrc/haida](http://www3.sympatico.ca/hrc/haida)  
HMCS HAIDA Historic Naval Ship, Toronto Ontario

-----  
Message-ID: <37C742C3.54AC6C79@pcbank.net>  
Date: Fri, 27 Aug 1999 22:00:35 -0400  
From: "Ray A. Allen, Sr." <w2kbr@pcbank.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: RME Info..  
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

BA group,

Might there be an RME site(s).....thanks es 73 Ray

--

\*\*\*\*\*  
Ray A. Allen, Sr., W2KBR/3,AC98-00775,FM19qc  
8303 Grainfield Rd., Severn,  
Anne Arundel County, MD, 21144-2331  
\*\*\*\*\*

-----  
Message-ID: <37C74402.E8BD516A@idirect.com>  
Date: Fri, 27 Aug 1999 22:05:54 -0400  
From: Jerry Proc <jproc@idirect.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Historic Radio Messages - Correction  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

There was an omission in the URL. I've corrected it.

-----

Hi Folks,

I've posted two, short historical radio messages. The first message is

the last transmission from HMS HOOD prior to her sinking in 1941. The next one came from the Admiralty wireless office in Scapa Flow Scotland. The messages are very short but they on on authentic Naval forms used at that time.

The URL is :

<http://www3.sympatico.ca/hrc/haida/radio/hood.htm>

--

Regards,  
Jerry Proc VE3FAB jproc@idirect.com  
Web: [www3.sympatico.ca/hrc/haida](http://www3.sympatico.ca/hrc/haida)  
HMCS HAIDA Historic Naval Ship, Toronto Ontario

-----  
Message-Id: <199908280348.XAA28951@smtp6.mindspring.com>  
Date: Fri, 27 Aug 1999 20:49:17 +0100

Subject: Fabulous cheap power transformer 2  
From: "John Gibson" <gibsonj@mindspring.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

In my previous pinout of the Tektronix transformer, I missed a pin.

Pin 29 is the faraday ground shield between primary and secondary and should be connected to chassis ground.

-----  
Message-Id: <199908280402.d7S42JJ04962@sco.theporch.com>  
Subject: FS: Various Items  
Date: Sat, 28 Aug 99 05:02:10 +0100  
From: <davidh@getnet.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

I have the following items for sale. Shipping is included unless stated.  
Pictures and more details can be seen at:

<http://www.getnet.com/~davidh/forsale3.html>

Please look at the web page first before e-mailing questions. A lot of people do not! Thanks!

"Rare" Hallicrafters CRX-101 Portamon - \$80 Shipped

Hewlett Packard DVM - HP3469A - \$50 Shipped

Simpson Model 383-A Capacitance Meter - \$100 +Shipping

1950's Firestone Portable Tube Radio Radio - \$30 shipped

Three Amperex 5894 Tubes - \$25 shipped

Heathkit AJ-30 Tuner and AC-11 Multiplex Unit - \$125 + shipping

-----  
73,

Dave N7RK

\*\*\*\*\*

Dave N7RK - Webmaster CADXA  
Phoenix, Arizona \*DXCC Honor Roll\* \*WAZ#23 - 75 Meter SSB\*

ex-N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National  
and what ever else looks interesting!

E-Mail: davidh@getnet.com  
My Home Page: <http://www.getnet.com/~davidh>

Visit the Central Arizona DX Association Home page - <http://cadxa.org>

-----  
Message-Id: <199908280406.VAA24551@mail-gw6.pacbell.net>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: RECAPPING  
Date: Fri, 27 Aug 1999 21:06:26 -0700  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Bobbi;

Lots of cogent cap comments there. You covered the table nicely but we can  
add a little ginger bread here and there, service for seven provided  
compliments of the establishment:

It can be said with confidence that nearly all of today's ordinary plastic  
film capacitors are pretty low in inductance. Though they are of rolled  
construction the alternating foils extend beyond the edges of the  
insulation on both ends. The ends are sparayed with metal to short out the  
"turns" as part of the lead attachment process. This is the process used  
for both metalized film and film and foil type constructions. As you  
pointed out the greater dielectric constants make for smaller capacitors,  
smaller also making for lower series resistance which if the capacitor is  
going to become part of a parasitic oscillation circuit at or above its  
self resonant frequency there is less resistance to spoil the oscillation  
circuit's Q. A small value resistor placed in series with a cap was  
mentioned as a cure for problems of this nature, so may a small ferrite  
bead strung on the lead of the capacitor. However, keep in mind, it's for  
all practical considerations a guesswork approach to discovering cures for

problems with the newly recapped rig, lots of experimenting may be required. But fun too!

Ceramic caps of the high K (dielectric constant) variety (Z5U's, etc.) primarily have two detractors. One, as you mentioned, is a high thermal coefficient of capacitance, the other is their substantial voltage coefficient of capacitance. They are not at all suited for tuned circuits or filters where a capacitor's reactance is appreciable at the operating frequency. They are really only good for bypassing and coupling where their reactance is low at the operating frequency and the actual instantaneous value of capacitance is of no concern. You have surely noticed what they do to the eye of your Sprague Tel-Ohmike, a very blurry indication due to the modulation of the bridge null as the capacitor changes capacitance along with the AC voltage cycle.

Tantalum capacitors are a breed of their own. The early wet types (and leaky too) used wrapped construction but the slug types have proven to have excellent high frequency performance because there is no inductive "winding" employed. The capacitor is made by pressing tantulum metal powder together in a mold to form a sintered metal slug, similar to a sintered bronze sleeve bearing. The motor bearing holds its own lubricant in the many spaces between particles and a tantulum capacitor slug holds its (dry) electrolyte within its myriad tiny chambers. You don't get too much smoke out of a reverse polarized tantalum slug cap but you can get a nice blob of molten tantalum weeping out of the capacitor, poor thing. Tantalum capacitors can be hazardous to the eyesight as they will sometimes spit that molten metal a distance.

Well, that's the desert menu so enjoy the rest of your meal. 73's.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Message-Id: <199908280442.VAA06442@mail-gw6.pacbell.net>

From: "Arden Allen" <gumbear@pacbell.net>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Test equip and .....

Date: Fri, 27 Aug 1999 21:27:39 -0700

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Hi Jim;

> I'd like to reiterate Kim's comments. He's absolutely right. In my opinion,  
> it's a false economy to outfit your test bench with consumer grade test

> instruments.....

We all learn this lesson eventually if we stick with the hobby. The cheap stuff is of limited use to nearly useless. The few cheapies I still have are heavily modified to overcome some of their shortcomings but most of my test gear now is lab grade stuff with a new lease on life and a friendly home to reside in.

Not to be overlooked is the wonderful resource for learning that vintage lab grade test equipment provides. They have informative technical manuals that are an education in the science of electrical measurements, their trouble shooting sections contains pearls of practical diagnostic techniques, their circuit theory sections will give you wealth of knowledge on what it takes to make good electronics. I cannot give too much praise to the makers of quality test equipment, they seem to be able to prevail in spite of the tide of cheap, unreliable products created by slit-your-neighbors-throat, no-border-can-keep-out-a-good-deal economics.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

-----  
Date: Sat, 28 Aug 1999 04:59:09 -0400  
From: BEN NOCK <G4BXD@compuserve.com>  
Subject: British Spy Set FS.  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199908280459\_MC2-82B6-AA56@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
charset=ISO-8859-1  
Content-Disposition: inline

FOR SALE: British SPY SET, MK 123.

The Mk. 123 set is a very compact valved portable transmitter/receiver of the 1960's. Designed to cover 2.5 Mhz to 20 Mhz in three bands and deliver some 13 to 25 watt of output, receiver is fully tunable, with bfo, headphone o/p, tx is crystal controlled, built-in tuning neons and meter and key (external key can be fitted), the complete set comprises a receiver chassis, a power supply chassis and a transmitter chassis, held together by a sturdy base plate and top cover, light blue in colour. The psu unit also has the tx/rx switch located centrally within it. The set was designed for



A.C. operation only, in ten volt steps from 100 to 150V or 200 to 250V, voltage selection being achieved by thumb wheels set into the front drop = of the set. The Mk. 123 set dimensions are length 29.9 cms, height 8.5 cms and width 13.6 cms and it weights 3.5 Kg. in its canvas case 3.97 Kg. Loads= of acc's come with the set, mulit way plugs for various outlets, aerial wires, tape measure type aerial reels, miniature voltmeter, mains tester,= aerial eggs, full circuit details supplied. =

Set is in first class condition and fully working. Serious enquiries to purchase this set only please. =

Ben G4BXD.

-----  
From: "David Newkirk" <dpnewkirk@home.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Capacitors (was: Recapping)  
Date: Sat, 28 Aug 1999 07:58:15 -0400  
Message-ID: <000201bef14c\$9ca637a0\$1e360818@cc456763-a.vron1.nj.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

To the discussion on capacitors, I add two tidbits:

Some ceramic capacitors can be quite microphonic because their dielectric material is piezoelectric. Subject such a capacitor to vibration, and it generates voltage. (Some modern, very compact radios with built-in speakers howl when you turn up their AF output way up as a result of this phenomenon.) What's more, though, such capacitors can also \*produce\* vibration when subjected to voltage changes, as I discussed in "Don't Be Fooled by Talking Capacitors," QST, July 1990, page 38. Before discovering this effect for myself, I had replaced a power transformer or two because I thought the random ticks and clicks I was hearing -- actually ac-line transients transduced to sound by line and/or rectifier bypass caps -- were momentary arcs in the transformer windings! Directional listening with a cardboard tube helped sniff this out.

Capacitors of various types can also exhibit the phenomenon of \*soakage\*,

the storage of energy in the the capacitor dielectric as opposed to storage in the electric field between the capacitor's plates. If you've ever discharged a big capacitor to "all the way to zero" and removed the short only to discover -- sometimes with quite a jolt -- that the thing has miraculously regained some of its charge after a few minutes, you have experienced soakage. Horowitz and Hill cover soakage in their excellent \*The Art of Electronics\* book, and you can also read about soakage in the Web offerings from bet-you-can't-read-just-one electronics columnist Bob Pease in the article "Understand capacitor soakage to optimize analog systems," which is available via the Web address

<http://www.national.com/rap/Application/0,1570,28,00.html>

73,

Dave Newkirk, W9VES  
dpnewkirk@home.com

-----  
Date: Sat, 28 Aug 1999 07:44:23 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Condensers, "Ten Tips"  
Message-ID: <Pine.SUN.4.10.9908280729590.12948-100000@indy3>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

I'm very gratified by the positive response to my little blurb about condensers--and even \*more\* pleased by the additional information others have added.

Would any of the authors mind if their input was incorporated in a revised version of the original piece? No money in it, I warn you--whatever I post to the lists I consider to have been placed in the public domain. But you will get attribution!

Dave Newkirk mentions a \*very\* useful text, Horowitz and Hill's "The Art Of Electronics." I recommend this book to \*anyone\* messing with \*any\* sort of electronics; written for grad students in the sciences without a lot of electronics background, it assumes the reader is intelligent, gets the basics out of the way in a solid manner with no puttering around, and moves on to the good stuff in short order. It is a \*perfect\* companion text to the ARRL Handbook and covers a wider field. It's not a world-beating RF handbook nor will you find much about tubes; but what you \*will\* find there will make tubes and RF (and most other things) a lot easier to work with! Horowitz and Hill will give you the straight dope on

how and why, with no secret stuff, figures pulled out of a hat, or shilly-shallying; and when they're "handwaving," (rarely) they'll tell you they are and why and where to look for in-depth info. Takes about a 12th-grade reading level and math through basic algebra to get through the text, which means any of the listmembers will find it a snap.

73,  
--Bobbi

KB9GKX "RJ" rbarmore@indy.net Roberta J. (Bobbi) Barmore  
FISTS #3388 \* G-QRP #10001 \* ARRL \* RSGB \* WIA  
Appreciator Of Vacuum-Tube Ham Gear and Vintage Keys

-----  
Message-Id: <3.0.6.32.19990828085519.0080c260@pop.voyager.net>  
Date: Sat, 28 Aug 1999 08:55:19 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Kim Herron <kherron@voyager.net>  
Subject: Re: Test equip and .....  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi again guys (and gals(!

>> I'd like to reiterate Kim's comments. He's absolutely right. In my  
>opinion,  
>> it's a false economy to outfit your test bench with consumer grade test  
>> instruments.....  
>  
>We all learn this lesson eventually if we stick with the hobby. The cheap  
>stuff is of limited use to nearly useless.

Along this line, I've always wondered how the people who made their living repairing radios and TV's, etc, got by with the cheap stuff, and how many of their customers were upset with the results they paid for. I've gotten several old shortwave receivers over the years that had just been repaired by someone with a supposed good reputation, and they were so far out of alignment that they were nearly unusable. I really think that's why so many Hammarlund, National, and Drake receivers got shoved into a closet and then into the trash, because the test gear on someone's bench wasn't up to the job.

Kim W8ZV

-----  
From: wallace@world.std.com (Andy Wallace)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Collins F455N80 - where does it go?  
Date: Sat, 28 Aug 1999 13:25:27 GMT

Message-ID: <37c8e2da.1167906@world.std.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'd like to know what equipment this filter was used in. Obviously, it's 8kc wide at 455 kc. Long can, wire terminals at each end, mounting flange about 1/3 down. Collins collector's webpage doesn't list this one!

--Andy  
wallace@world.std.com

-----  
Message-ID: <007701bef15b\$af98d7a0\$2d5b143f@default>  
From: "Paul Bernhard Sr." <w2tu@email.msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: NAVSHIPS  
Date: Sat, 28 Aug 1999 09:46:07 -0400

Folks;

The manuals appear to have been taken. Thanks for your flood of generous offers. If anything happens to the transaction I will let the next bidder know.

tnx es 73

Paul B. W2TU

-----  
Message-ID: <65B141FB11CCD211825700A0C9D609BCC80501@chef.lex.rational.com>  
From: "Gibbs, Dennis" <dgibbs@Rational.Com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: TV-2B/U Settings for 7788 tubes  
Date: Sat, 28 Aug 1999 10:11:07 -0400  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="----\_=\_NextPart\_001\_01BEF161.ADABA3C2"

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

-----\_=\_NextPart\_001\_01BEF161.ADABA3C2  
Content-Type: text/plain;  
charset="iso-8859-1"

Greetings,

Does anyone know the proper settings for the TV2B/U tube tester for the 7788 miniture 9-pin tube? None of my settings charts list it, but I doubt I have the most recent listings.

Thanks,

Dennis

-----=\_NextPart\_001\_01BEF161.ADABA3C2

\* \* \* \* \*  
\* FORBIDDEN MESSAGE FORMAT \*  
\* \* \* \* \*  
\* rest of message truncated \*  
\* \* \* \* \*  
\* \* \* \* \*

-----  
Message-ID: <65B141FB11CCD211825700A0C9D609BCC80503@chef.lex.rational.com>  
From: "Gibbs, Dennis" <dgibbs@Rational.Com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: TV-2B/U Settings for 7788 tubes  
Date: Sat, 28 Aug 1999 10:17:20 -0400  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="-----=\_NextPart\_001\_01BEF162.8A7F11A8"

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

-----=\_NextPart\_001\_01BEF162.8A7F11A8  
Content-Type: text/plain;  
charset="iso-8859-1"

Greetings,

Does anyone know the proper settings for the TV2B/U tube tester for the 7788 miniture 9-pin tube? None of my settings charts list it, but I doubt I have the most recent listings.

Thanks,

Dennis

-----=\_NextPart\_001\_01BEF162.8A7F11A8  
\* \* \* \* \*

\* FORBIDDEN MESSAGE FORMAT \*  
\* \*  
\* rest of message truncated \*  
\* \*  
\* \* \* \* \*

-----  
From: zeitler@ibm.net  
Message-ID: <00cd01bef160\$1216ef80\$e9dd6520@km3g>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need 32uF 4500 volt oil filled  
Date: Sat, 28 Aug 1999 07:17:31 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Looking for a 32uF 4500 volt oil filled cap.

73s

Lane  
Ku7i

-----  
Message-ID: <000301bef162\$921e4960\$d12729d8@default>  
From: "Charlie Cheney" <ccheney@thecia.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need Info: Selsyn Motors  
Date: Sat, 28 Aug 1999 10:35:24 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I picked up a pair of selsyn motors (I think that's what they are called)  
one of which has the nameplate stating

"Transmitter AC Synchronous"  
"C69406"  
"1942 #W20864 FJ04-8"

made by Diehl Mfg Co.

Can anyone help me with hookup info or a reference to same? I want to use  
these for a remote tuning arrangement.

73,

Charlie K1LDZ

-----  
Message-ID: <00a701bef165\$107a6440\$1f00a8c0@ro>  
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS : ER  
Date: Sat, 28 Aug 1999 16:47:27 +0200  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I am moving back to my native Norway and need to reduce the amount of stuff to be moved.

Anybody interested in a pile of Electric Radio magazines ? ( preferably in Europe, but no strings)  
73 Rag

Rag Otterstad OZ8RO Copenhagen suburb: Birkerod  
Also JW5HE LA5HE. Previously held : G5BHQ HB9XCG

Collector of W.W.2 German military radio sets, clandestine sets all periods, cipher equipment.

Adress: Hosterkobvej 10. DK 3460 Birkerod, Denmark

Tel : ++45-4281 5205 evenings. ++45-4497 3366 daytime.

I work for MEC A/S, manufacturer of high quality and good looking pushbutton switches.

If you are designing electronics equipment and have an interest in switches please check the homepage at :  
[HTTP://WWW.MEC.DK](http://WWW.MEC.DK)

To know more about my ham radio background try my personal homepage :  
[HTTP://WWW.WEBSPAWNER.COM/USERS/OZ8RO/](http://WWW.WEBSPAWNER.COM/USERS/OZ8RO/)

-----  
Message-ID: <000f01bef164\$d3c85de0\$d12729d8@default>  
From: "Charlie Cheney" <ccheney@thecia.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Manual for Multi-Elmac Trans-Citer AF-67  
Date: Sat, 28 Aug 1999 10:50:38 -0400

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Pretty clean, not musty, looks complete to me, never expect to own this rig but I thought someone on the list could use it for say \$5 plus postage.  
(Original manual).

73,

Charlie K1LDZ

-----  
Message-ID: <009201bef16e\$4caaa160\$d12729d8@default>  
From: "Charlie Cheney" <ccheney@thecia.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Anyone need BC-221 manual COPIES?  
Date: Sat, 28 Aug 1999 11:58:29 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi all,

Would anyone be interested in copies of "Preliminary Instructions for Frequency Meter Set SCR-211-N"? I can't find a date on it but it was RESTRICTED; however, I would guess I might get off with only a few years in Leavenworth for passing it out now. Cost will be my cost plus shipping.

73,

Charlie K1LDZ

-----  
Message-Id: <199908281615.d7SGF2m26096@jackatak.theporch.com>  
From: listtown@jackatak.theporch.com (Mail List Owner)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: ADMINISTRIVIA: Posting Admin Requests  
Date: Sat, 28 Aug 99 11:15:01 CDT

Gang-

Please accept this periodic posting as it is intended:  
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming



to you, or if you have problems with someone else's mail, PLEASE address any questions to, and seek help from:

listown@jackatak.theporch.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

This is \*especially\* true of the "XXXX YYYY your mail is bouncing, please send me a good address"

If your mail to this person is bouncing, in all likelihood, either you have the address a bit wrong, or s/he isn't receiving mail from ANYWHERE \*especially\* not from the list, which is delivered as "Bulk!"

Treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@jackatak.theporch.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

"Il n'y a que les idiots qui ne changent jamais d'idee"

Sat Aug 28 11:15:01 CDT 1999

-----  
End of BOATANCHORS Digest 2650

\*\*\*\*\*

>From ???@??? Sat Aug 28 22:13:01 1999

Message-Id: <199908290201.d7T21AT24315@sco.theporch.com>

Date: Sat, 28 Aug 1999 20:59:55 CDT

From: Old Tube Radios <boatanchors@theporch.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: BOATANCHORS digest 2651

BOATANCHORS Digest 2651

Topics covered in this issue include:

- 1) Re: National 714's  
by Dexter Francis <cwest@xmission.com>
- 2) Cutting the Harvey-Wells? Hope not!  
by MODSTEPH@ACS.EKU.EDU
- 3) Industrial Training Institute Tube course for sale  
by Kim Herron <kherron@voyager.net>
- 4) FMLA: The long view  
by mnhopkins@juno.com
- 5) Conductive Paint  
by David Stinson <arc5@ix.netcom.com>
- 6) WTD: Info on Lafayette TE-50 Tube Tester  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 7) FS: Clegg 99'er  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 8) Panel Meter Needed: HQ-215  
by "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>
- 9) Re: Conductive Paint  
by Kim Herron <kherron@voyager.net>
- 10) FS: L'il Lulu Transmitter  
by "Richard W. Solomon" <w1kszt@tiac.net>
- 11) GE Prog. Line NBFM conversion documents  
by Sheldon Wheaton <swheaton@sky.net>
- 12) National's & Shelby  
by "Lawrence R. Ware" <lrware@pipeline.com>
- 13) Re: Conductive Paint  
by "Robert P. Okas" <vintage@best.com>
- 14) Collins TCS12  
by Gary Pewitt <gpewitt@execpc.com>
- 15) WTB: Weller Model PH100  
by Dick Dillman <ddillman@igc.apc.org>
- 16) Re: Conductive Paint  
by "Arden Allen" <gumbear@pacbell.net>
- 17) Help-Lafayette HA-700 receiver  
by "Jim Carrington" <jcall@sirius.com>
- 18) Commemoration of First Wireless Message  
by Dick Dillman <ddillman@igc.apc.org>
- 19) Re: Conductive Paint  
by agemi <agemi@stc.net>

---

Message-ID: <37C81C22.D02FE7F9@xmission.com>  
Date: Sat, 28 Aug 1999 11:28:04 -0600  
From: Dexter Francis <cwest@xmission.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: National 714's  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit

This should be National's version of the RCA 7021 Thyatron.  
It was a gas/mercury triode.  
Filament was 2.5 Volts @ 5 amps.  
Plate was rated to 1250 Volts, 1 amp.  
UX Base. ST-16 bulb.

-df

-----  
Date: Sat, 28 Aug 1999 13:48:51 -0400 (EDT)  
From: MODSTEPH@ACS.EKU.EDU  
Subject: Cutting the Harvey-Wells? Hope not!  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-id: <01JFAX2SQGHG001UIIU@ACS.EKU.EDU>  
MIME-version: 1.0  
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Argh!

So there I was, about to fire up the Harvey-Wells Bandmaster on six meters, where it has always done well... and no grid drive. Try a different crystal - same. Try a different band - same.

Tracked the trouble to the xtal/vfo plug on the front, where one of the pin sockets has broken off. Well, the pin was part of an octal socket which H-W used, so I can just rotate it 180' and still use it - BUT the socket is riveted to the front panel. I'll have to drill, then replace with a couple of machine screws, which I'd rather not since it is on the front panel...

Any suggestion on an easy way to replace just a single pin socket on the critter (no - I'm NOT expecting an easy fix that doesn't show, but you never know...).

And I am under time constraints: this TBS-50D has been on every "CX" including the very first "NX," so I gotta get it up and going for that last Sunday in September!

TIA

73, Al N5AIT  
modsteph@acs.eku.edu

-----  
Message-Id: <3.0.6.32.19990828142149.008124a0@pop.voyager.net>  
Date: Sat, 28 Aug 1999 14:21:49 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Kim Herron <kherron@voyager.net>  
Subject: Industrial Training Institute Tube course for sale  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi All,

I have two ITI courses here excess to my needs, and I'm fairly sure that someone out there can make good use of them. They are correspondence courses aimed at Radio and television repair, and practical electronics.

1. The first is an older course (mid fifties, though I haven't found a date in one yet) that specifically targets radio and then TV repair. This is a three volume course that starts from the basics in electricity, goes to radio reception and detection, and then television. All the necessary stuff is also there, including test gear (o-scopes in particular), antennas and lots of other stuff. If you're not up on electronics, but want to learn some things, this is a good place to start. There are three binders of stuff, each about 2 inches thick, with all the test and answers to the question. \$25.00 plus the shipping.

2. This is a new version of the above course, with four binders about the same size, the lab book for experiments (no I don't have the lab, but I wish I did), and about twelve news letters (32 pages booklets) as well. It covers the same info in a little different format, and gets a little deeper in to basic electricity, and even the computers of the day. I did find a date in here in late 1958. This course was my father-in-law's and is in like new shape. Again, it has all the test questions and answers. \$35.00 plus shipping.

Shipping on this stuff is relatively cheap if you use the post office bound printed matter rate. This stuff should ship around five or six bucks. So, there you are. If you want some educational material that's geared toward the timeframe that your radios were made in, you can use this at your convenience at home. Try it, you'll like it. It's how I got started 35 years ago.

Kim W8ZV

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\*\*\*\*\*  
Baruch's Observation: If all you have is a hammer, everything looks like a nail!  
\*\*\*\*\*  
\*\*\*\*\*

-----  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Sat, 28 Aug 1999 13:24:29 -0500  
Subject: FMLA: The long view  
Message-ID: <19990828.133050.-72791.1.MNHopkins@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
From: mnhopkins@juno.com

"Are we making any progress?" he asked.

I laughed at my friend who plans to take back 56-60 mc with a Five Meter Liberation Army. The little hamfest, cowering in the corner of an armory, had but three lines of tables and not all of them were sold. Of the occupied, some had arts and crafts. Others featured rusty garage leavings. You could survey the place from the middle aisle.

"I think we've made a lot of progress," I told him, "We've seen a \$150 Eico 753 and a Galaxy III for \$225."

He frowned. The Eico was said to have been "Put on the shelf and never used," which is believable of that model, but the dented corner suggested it might have met a Swan drifting the other way. The Galaxy said "firm." on it, in the dust.

"I mean are we doing the right things to accomplish FMLA's goals?" he said.

"Without doubt," I answered. "We can convert a 6M or 2M ham rig in record time and you have three TV transmitters running 24-hour "I Led Three Lives" episodes right under the noses of the license holders." "I'm seeing little 45mc SAW filter pins everywhere I go, and the joint WAR/Nation of Islam website your bodyguards run is going to win a prize," I reminded him.

(The Website, nicknamed "Jiving Janet," features a nude Attorney General Reno in a shoot 'em up arrangement. At advanced settings she does a mildly lewd interpretive dance with an incendiary projectile. The player can elect his favorite cross hair.)

"But all those are simply technical things," Frank mused, "The fellow with the tube caddy over there could do as well." "I wonder if we are changing men's hearts?"

I didn't answer. I couldn't.

"We must convince people of the virtues that accompany home built and home understood electronic equipment," he continued, but I was not sure he was talking to me.

We walked over to the tube caddy guy, who turned out to be the son of a diseased TV repairman. Frank dug thru the box marked, "Your choice, \$5," and bought an 815 and two 832s for 75 cents total. The merchant lamented that the metal 6L6s and the EL-34s went quickly to other table holders, but that only an occasional 12AX7 sold since the public was allowed in.

It was Frank's only purchase and, since the Beanie Baby woman didn't have a ferret-looking offering to send to the East Coast, Frank's bodyguard, Christie, left empty handed save for the real ferret and whatever else she had in her baby bag. She drove us home in her Lincoln but Frank was strangely quiet.

Back in our basement workshop, she finally decided to break the silence:

"How old are you, Frank?" she asked.

"Old as you feel," my pal said, predictably.

The object of her question looks about twice the age of the 20-something Christie. Frank is just to the tall side, trim, and has a touch of white at the temples of his "standard men's haircut" one can only get in \$50 shops downtown or from rounding Hispanic women in "Unisex" places near where Frank parks his trailer in the Barrio.

Where he gets his hair cut over there, his '47 Frazer, brown like most of his built up shoulder, double breasted suits, always draws attention from loitering youth. But it just looks like another old car on it's way to concrete blocks where his girlfriend, Elaine, lives. On my street, where he parks it for the hours he uses our shared workshop, no one comments on it.

The police have given up ticketing the Frazer for its outlandishly out-of-date California plates, and the Urban Standards people don't leave little notes about fix-ups for me anymore since it got out that anyone with a 45mc SAW filter from a junk TV set, worn as a button, is part of an "enterprise zone." All those really mean is that one is in the FMLA, but that's enough, it seems.

Christie toyed distractedly with the SAW button on her blue, longsleeved shirt's collar. She was morose about her boyfriend, Preston Anderson, leaving for Annapolis the day before.

"Really, Frank, Do you Remember WW II?"

"Too well," he said, not looking up from his project. "Bunch of British aircraft stuff came back so cheap I even bought one."

He put down his wood handle, square shaft screwdriver and looked up through the ground level casement window where a small, spotted lizard scurried across the screen.

"But I soon put it up on a shelf so I could see the enemy," he said after a moment.

He went back at the chassis with a nickel plated pair of wire cutters he still calls "dykes," despite our warnings. We just got him to stop saying "gay" for exuberant.

"That ought to hit 57 megacycles," he said as he trimmed the other coil in the push-pull tank. He began looking in his hamfest sack for a tube, but stopped when Christie asked,

"Do you remember WW I?"

"Who can forget a betrayal?" he snapped.

She sat back nervously.

"We were all betrayed," he told her.

He turned around to me and said: "The German boys in the trenches, the French, the Tommies and the ones we sent Over There - They tricked us all." "The Lusitania lie." "Kaiser Bill and Kaiser Woodrow."

I was uncomfortable at his tone.

"I talked to the Major later, a lot later," he continued, "Around the time the League pulled its trick in '38 or '39, I forget." "He said he wished he never went -- that he never even saw Flanders and never even thought of a superheterodyne."

Frank was looking out the window again, but no lizards cast shadows on the weathered wood of the workbench. Frank won't work over metal because he uses a lot of transformerless supplies.

He was quiet for a long time -- a very long time and I began to fear some sort of little stroke, called a "transient ischemic attack" in the hospitals. I reached out and touched him tentatively,

"Frank...Frank...you OK?"

He looked down then, at the wood chassis where he was just trying to place a funny looking 815 tube with its two plate caps.

"You all right?" I urged again.

He smiled his usual dapper grin, but it may have been a bit less bright than before.

"Oh, sure, ...I'm OK," he assured us, "...I just had an episode of The Thousand Yard Stare."

"They happen less and less since I got into this," he added.

I guessed he meant his version of Bill Hosington's 6M amp article from the November, 1964, 73 Magazine, but with Frank you never know for sure.

de ab5L, michael in dallas, MNHopkins@JUNO.com  
Student of Tecraft, ICM and Six Meters' Golden age: 1957-58  
Box 226841, Dallas, TX 75222 Copyright FMLA LI

-----  
Message-ID: <37C83C0D.EA42AB34@ix.netcom.com>  
Date: Sat, 28 Aug 1999 14:44:14 -0500  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Conductive Paint  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm trying to repair a BA variable cap that has developed intermittent connections between some mechanically connected parts. Seems the aluminum in the joint between the abutted pieces has become non-conducting. I'd been thinking of using a small spot weld set-up to bridge the joints, but had another idea.

I remember seeing some "conductive" paints,



normally used in printed circuit work.  
Does anyone know if this stuff works  
at RF and how well?

TNX ES 73 DE Dave AB5S

-----  
Message-ID: <01BEF16B.6523EB00.w1kszt@tiac.net>  
From: "Richard W. Solomon" <w1kszt@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: WTD: Info on Lafayette TE-50 Tube Tester  
Date: Sat, 28 Aug 1999 15:28:48 -0400  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Just picked up one of these oldies, sans manual.  
Anyone have one I can get a copy of ??  
Tnx es 73, Dick, W1KSZ

-----  
Message-ID: <01BEF16B.683EE6A0.w1kszt@tiac.net>  
From: "Richard W. Solomon" <w1kszt@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: Clegg 99'er  
Date: Sat, 28 Aug 1999 15:38:32 -0400  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Nice little 6 meter AM transceiver, circa mid-60's. Fired it up and it  
puts 4 watts out into Bird and <0.1 uv sensitivity. Comes with "Original"  
manual (a rarity these days). Only mod is an added switch to kill RCVR.  
Looks like it was paired with the L'il Lulu XMTR it came with.  
I will take \$75 for the Clegg plus UPS packing and shipping costs.  
73, Dick, W1KSZ

-----  
Message-Id: <3.0.5.32.19990828160914.007e7100@miavx1.muohio.edu>  
Date: Sat, 28 Aug 1999 16:09:14 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "James C. Garland" <4cx250b@miavx1.acs.muohio.edu>  
Subject: Panel Meter Needed: HQ-215  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I got stung on a HQ-215 I acquired recently, and need an S-meter and a preselector tuning knob. (How did I buy it with the wrong knob? Because the photo showed the right knob, but when the radio arrived the knob was different!) Anybody got a parts radio? The meter is a 0-1mA Honeywell Model 81, in case you've got a well-stocked junk box.

Thanks,

Jim W8ZR

-----  
Message-Id: <3.0.6.32.19990828163644.00817320@pop.voyager.net>  
Date: Sat, 28 Aug 1999 16:36:44 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Kim Herron <kherron@voyager.net>  
Subject: Re: Conductive Paint  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

>I remember seeing some "conductive" paints,  
>normally used in printed circuit work.  
>Does anyone know if this stuff works  
>at RF and how well?

Dave asks a neat question, and since I've used the stuff I'm about to describe, I figured you all might like to know this since it's got me out of a lot of trouble more than once!

Since I work on cars for a living (don't tell anyone a broadcast engineer works on cars 'cause it pays better. I'll get laughed off the radio), every now and then somebody comes in with a rear window defroster that doesn't work on all the lines (heated grid, you know), or they will have somehow managed to rip off the soldered connection to the window grid from either the ground or power side. Those heated backlights (as they are properly known to all Chrysler techs) cost BIG bucks. But there is a kit that is made by Duro and available at any good auto parts store that will fix that broken wire or scratched grid line so it's good as new.

It's a two-part epoxy base, silver bearing material that, when mixed, has a pot life of about 30 minutes. This stuff will stick to any clean surface permanently! Don't ask how I know, I don't want to go there. Let's just say leather seat covers AIN'T cheap!! Anyway, the point of all this is, I use the same stuff to fix PC boards in the dash of the same cars, the flexible PC wiring found in the taillamp assemblies, and I'm absolutely sure that it would do the same on Dave's capacitor shaft assy. Just DON'T get in anything that you want to move or rotate, because it works extremely well as a regular epoxy in any other application. Since it's a silver bearing material, the conductivity is very good and it will handle high current, and the engineers at Chrysler's Huntsville Electronics facility tell me it works excellent at RF frequencies. They use hams, too!!

Kim W8ZV

-----  
Message-ID: <01BEF174.FF935AA0.w1ksz@tiac.net>  
From: "Richard W. Solomon" <w1ksz@tiac.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: L'il Lulu Transmitter  
Date: Sat, 28 Aug 1999 16:47:16 -0400  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

I picked up a lot of old equipment and in it was one of the elusive Whippany Labs L'il Lulu 6 Meter AM Transmitter. Now I have 2 !!  
I checked it out on the bench and it seems to work OK. I will include a copy of the manual and a copy of the QST Product Review reprint. Condition is very good, just lots of dust inside.  
\$150 plus UPS packing and shipping.  
73, Dick, W1KSZ

-----  
Date: Sat, 28 Aug 1999 16:36:08 -0500 (CDT)  
From: Sheldon Wheaton <swheaton@sky.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: GE Prog. Line NBFM conversion documents  
Message-ID: <Pine.GS0.3.96.990828160027.10707A-100000@sky.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have two documents from General Electric which document narrow-band conversion kits for progress line receiver & transmitter, titled as follows:

- #1) Narrow-Band Conversion Kit PL-4032043-G2 for 144-174 Mc Progress Line Receivers Models 4ER25B1,2,11 & 12 and 4ER25D1,2,11 & 12 (37 pages incl. 3 fold-outs)
- #2) Narrow-Band Conversion Kits PL-4032048-G2 & -G3 for 144-174 Mc Progress Line Transmitters Models 4ET20A1,2,11 & 12 and 4ET21A1,2,11 & 12 (6 pages incl. 2 foldout schematics)

I would like to give these to someone who can use them rather than throw them out. All I ask is postage, which would be \$1 via USPS book rate, or \$2 first class. Please confirm before sending money!

73,  
Sheldon KC0CW

-----  
Message-Id: <3.0.5.32.19990828170905.00907460@pop.pipeline.com>  
Date: Sat, 28 Aug 1999 17:09:05 +0000  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "Lawrence R. Ware" <lrware@pipeline.com>  
Subject: National's & Shelby  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Good Evening folks!

Once again the Shelby, NC fest is almost upon us. And once again I'll be making the long drive from Orlando up to Shelby for the fest. :-)

I'm always looking for National Coil-Catacomb radios and parts for my personal collection and ongoing research.

If you have one to sell, bring it.

If you have one you just want to talk about, bring it too!

(I'll be happy to talk your ears off about it! :-)

I'll be wandering the fest from Thursday about noon to mid Saturday, and would like to meet National owners by the dozens.... :-)

As usual, I'll be with/near the rest of the group from boatanchors@theporch.com down in the infield area of the fair grounds.

(I'm the short one with the National cap! :)

-Larry Ware

# Larry Ware, a National Coil-Catacomb nut.

# Admirer, Collector, Restorer of National Radio Company

# receivers and other artifacts.

# Orlando, Florida

# larry@waywardhome.com

-----  
Date: Sat, 28 Aug 1999 16:11:26 -0700 (PDT)  
From: "Robert P. Okas" <vintage@best.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Conductive Paint  
Message-ID: <Pine.BSF.4.10.9908281551130.5405-1000000@shell114.ba.best.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello Dave and group:

Kim Herron already mentioned conductive epoxy. My memory is a bit fuzzy, but I believe the PC board repair product I've used is made by a company called "Circuit Works" (I can verify this when I get home from work). It's a silver-bearing paint rather than a glue. Like Kim, I've repaired the rear window defroster elements with it, so I know it can handle some current. One can build up a thickness through repeated applications. It's not cheap, however. I \*do\* remember paying \$10 for a smallish tube. The only issue I can think of would be metallurgical incompatibility between the silver and the aluminum.

OTOH, I've restored a few flakey air vars using Caig Deoxit. These have been in VFO/receiver applications. Never tried it power circuits.

73 & Good Luck,  
Bob - W3CD

On Sat, 28 Aug 1999, David Stinson wrote:

>  
> I remember seeing some "conductive" paints,  
> normally used in printed circuit work.  
> Does anyone know if this stuff works  
> at RF and how well?  
>  
> TNX ES 73 DE Dave AB5S  
>  
>

-----  
Message-Id: <3.0.5.32.19990828202810.00984100@mail.execpc.com>  
Date: Sat, 28 Aug 1999 20:28:10 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Gary Pewitt <gpewitt@execpc.com>  
Subject: Collins TCS12  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Folks, I just this minute discovered that I was the high bidder on a TCS12 from, forgive me, that E place. So, what am I getting? Navy transmitter 1.5 to 12 megs is all I know. I wanted something to go with my RAK/RAL and RBB/RBC receivers. And of course I'll need the manual natch. First time I ever bought without seeing a picture. \$51.00 plus shipping. Did I do ok? Let's see now I think there's a little room left in the guest bathroom. 8^)

73 Gary

Gary Pewitt N9ZSV/KT gpewitt@execpc.com  
6120 W. Calumet Rd. Apt. 204, Milwaukee, WI 53223  
414 355 8147 home 414 297 4307 work  
Sturgeon's Law "Ninety percent of everything is crap."

-----  
Date: Sat, 28 Aug 1999 18:42:52 -0700 (PDT)  
Message-Id: <2.2.16.19990828182741.467fc38e@pop.igc.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Dick Dillman <ddillman@igc.apc.org>  
Subject: WTB: Weller Model PH100

Tracy, WB6TMY, has asked me to post the following want for him. Please contact him directly if you can help.

Regards,

Dick

>-----  
>  
>Wanted, Weller Soldering Iron Stand Model PH100  
>  
>Please reply to: Radions@juno.com or 707-527-8124  
>  
>Thanks,  
>TR - WB6TMY  
>-----  
>

Dick Dillman, W6AWO  
Chief Operator at K6KPH of the Maritime Radio Historical Society  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

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Message-Id: <199908290144.SAA26972@mta2.snfc21.pbi.net>  
From: "Arden Allen" <gumbear@pacbell.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Conductive Paint  
Date: Sat, 28 Aug 1999 18:44:12 -0700

MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi Dave;

> I'm trying to repair a BA variable cap that has  
> developed intermittent connections between some  
> mechanically connected parts. Seems the aluminum  
> in the joint between the abutted pieces has become  
> non-conducting. I'd been thinking of using a  
> small spot weld set-up to bridge the joints,  
> but had another idea.  
>  
> I remember seeing some "conductive" paints,  
> normally used in printed circuit work.  
> Does anyone know if this stuff works  
> at RF and how well?

I have difficulty with your proposed repair method. Trying to cement aluminum together with conductive paint is fraught with difficulty. Aluminium oxidizes very rapidly. As soon as you got a spot cleaned up it's immediately questionable if you could get a low resistance bond with an epoxy loaded with silver, copper or aluminum. You know how difficult it is to solder aluminum, even with special fluxes designed for the purpose.

I think I would try to spot weld the plates to their stator and rotor mounts. Don't know how I would go about it but that seems to me the way to do it. Good luck.

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

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Message-ID: <001901bef1c1\$efc50040\$4df286cd@jcall.sirius.com>  
From: "Jim Carrington" <jcall@sirius.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Help-Lafayette HA-700 receiver  
Date: Sat, 28 Aug 1999 18:58:02 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello folks,

I found a nice looking Lafayette HA-700 general coverage receiver at a local swap a few months ago for a mere \$15 . Reason , the radio was dead and the owner , with some fixing skills himself , couldnt breath any life into it.

In an optimistic mood and (because I saw nothing better to buy) I took on the challenge . I tested the tubes , did a careful lookover around the chassis and some poking around including wiggling wires and measureing good B+ . I traced back thru the audio stages and found an intermittent that fixed itself (temporarily no doubt) so that I now can get some hum and noise out of the speaker. No signals still on any band however.

Does anybody have a copy of the manual or even just a schematic I could get a copy of ? It would sure improve my chances of success. I'll be glad to pay copying, postage costs or offer .

Regards

Jim Carrington

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Date: Sat, 28 Aug 1999 18:42:56 -0700 (PDT)  
Message-Id: <2.2.16.19990828182747.467f68a2@pop.igc.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Dick Dillman <ddillman@igc.apc.org>  
Subject: Commemoration of First Wireless Message  
Cc: gmurphy@igc.org, W B Reese <radions@neteze.com>,  
"Jack Martini" <kingfalli@email.msn.com>, RCARAY@aol.com,  
detel.bvba@skynet.be, "Zyg Nilski" <zyg@morsum.demon.co.uk>

According to the California Historical Radio Society (read: contact them, not me, if you wish to debate the point!) this is the 100th anniversary of radio in America. On August 23, 1899 a wireless transmission was made from Lightship No. 70 off the San Francisco bar to the Cliff House on the beach. The message was simple: "Sherman is sighted" but history was made. The Sherman was bringing US troops home from the Mexican-American war and the city turned out the greet time in grand style.

Today that event was recreated. Through the good offices of Bart Lee, the CHRS, the Coast Guard and many others the Coast Guard cutter Point Brower/NMEX stood off the entry to the Golden gate and transmitted the same message in Morse on 16.907 and 3.387Mc/s. This in itself was a big event since the Coast Guard abandoned the use of Morse years ago.

Tom Horsfall, WA6OPE and I participated as part of the Maritime Radio Historical Society. We set up a station consisting of a military AN/GRC-9 on the roof of the San Francisco maritime Museum. We used the antenna we have just erected that is destined to work with the restored Radiomarine 4U radio console from a WWII Victory ship that will be part of a permanent



exhibit on maritime communications at the museum.

We heard NMEX tuning up about an hour before the event. They were putting in a great honking signal so we knew we were in business. At 11:50 on the dot they sent "Sherman is sighted" on 16Mc/s and then again on 3Mc/s. But this time the op on board used his bug at the end of the message to send "ZUT CW forever"! A great, unexpected touch.

Now it was our turn. We came up on 3.540Mc/s and sent a message of welcome and acknowledgement as a QST. Taking the lead of NMEX I also signed off with "CW forever". Unexpectedly, NMEX acknowledged the message cross-band! Not wishing to tempt fate or the FCC I simply acknowledged that with the radioman's traditional "dit dit".

It was a good day and great fun for all.

Vy 73,

Dick/"RD"

Dick Dillman, W6AWO  
Chief Operator at K6KPH of the Maritime Radio Historical Society  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

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Date: Sat, 25 Sep 1999 20:17:26 -0500  
From: agemi <agemi@stc.net>  
Message-ID: <15845.990925@stc.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: boatanchors@theporch.com  
Subject: Re: Conductive Paint  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello David,

Saturday, 28 August 99, you wrote:

DS> I'm trying to repair a BA variable cap that has  
DS> developed intermittent connections between some  
DS> mechanically connected parts. Seems the aluminum  
DS> in the joint between the abutted pieces has become  
DS> non-conducting. I'd been thinking of using a  
DS> small spot weld set-up to bridge the joints,  
DS> but had another idea.

DS> I remember seeing some "conductive" paints,  
DS> normally used in printed circuit work.  
DS> Does anyone know if this stuff works  
DS> at RF and how well?

DS> TNX ES 73 DE Dave AB5S

Best regards,  
Agemi

<mailto:agemi@stc.net>

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End of BOATANCHORS Digest 2651  
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